

# **NIPOMO COMMUNITY SERVICES DISTRICT**

**MONDAY, July 26, 2010**

**2:00 P. M.**

## **SPECIAL MEETING NOTICE & AGENDA SUPPLEMENTAL WATER PROJECT DESIGN AND CONSTRUCTION COMMITTEE**

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### **COMMITTEE MEMBERS**

**ED EBY, CHAIR**  
**JAMES HARRISON, MEMBER**

### **PRINCIPAL STAFF**

**DON SPAGNOLO, GENERAL MANAGER**  
**LISA BOGNUDA, ASSIST. GENERAL MANAGER**  
**DONNA JOHNSON, BOARD SECRETARY**  
**JON SEITZ, GENERAL COUNSEL**  
**PETER SEVCIK, DISTRICT ENGINEER**

### **MEETING LOCATION**

**District Board Room, 148 S. Wilson Street, Nipomo, California**

- 1. CALL TO ORDER, ROLL CALL AND FLAG SALUTE**
- 2. REVIEW STATUS OF SUPPLEMENTAL WATER PROJECT DEVELOPMENT**  
  
ACTION RECOMMENDED: Receive Report
- 3. SET NEXT COMMITTEE MEETING**  
  
ACTION RECOMMENDED: Set Time/Date for Next Committee Meeting
- 4. ADJOURN**

*\*\*\* End Special Meeting Notice \*\*\**

TO: COMMITTEE MEMBERS

FROM: DON SPAGNOLO  
GENERAL MANAGER



DATE: JULY 22, 2010

## AGENDA ITEM

# 2

JULY 26, 2010

### REVIEW SUPPLEMENTAL WATER DEVELOPMENT STATUS

#### ITEM

Review status of supplemental water development [Receive Report].

#### BACKGROUND – WATERLINE INTERTIE PROJECT

Mike Nunley from AECOM is scheduled to summarize the attached Monthly Design Phase Status Report at the Committee Meeting.

Staff and AECOM continue to work on obtaining all of the necessary permits and approvals required for the project.

Staff is reviewing the 90% complete plans for Bid Package #4, the Joshua Street Pump Station and REservoir, as well as the draft final plans for Bid Package #2, the Nipomo Area Pipeline Improvements.

The MOU with the SLO County is scheduled for Board consideration on August 11, 2010.

#### BACKGROUND – DESALINATION

Further work on the project has been deferred until the Waterline Intertie Project is operational.

#### RECOMMENDATION

Staff recommends that the Committee receive the staff update and AECOM presentation and ask questions as appropriate.

#### ATTACHMENT

- AECOM WIP MONTHLY STATUS REPORT

## Memorandum

To	Don Spagnolo, General Manager – NCSD	Page	1
CC	Peter Sevcik, Jon Hanlon, Josh Reynolds, Jim Froelicher, Eileen Shields, Kirk Gonzalez		
Subject	Waterline Intertie Project – Design Phase Status Report		
From	Michael K. Nunley, AECOM		
Date	July 21, 2010		

The Project Team has completed the following work items this month:

1. Bid Package #4 (Pump Station, Reservoir, and Chloramination Systems) 90% submittal was provided to District staff and peer reviewers on June 18 for review and comment.
2. Wallace Group, Hamner-Jewell and Associates (HJA), District staff and AECOM have completed drafting the application to the County, public lot map, and supporting documentation for creation of a Public Lot for the booster pump station and reservoir site. HJA is working with the current land owner to receive their signature on the application prior to submittal of the application package to the County.
3. HJA obtained a copy of the lease agreement for the Troesh surface mining on the Biorn property in the Santa Maria River last month. The project team reviewed it and decided to widen the easement on the Biorn property to protect the pipe from potential future mining. District staff is working with HJA and legal counsel for negotiations with Troesh.
4. AECOM is continuing work on Bid Package #3 (Blosser Road Water Main and Flow Meter) for final submittal.
5. AECOM compiled a table of project permits and status (attached), to be updated and submitted with subsequent status reports.

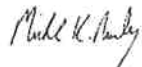
### Schedule

The Project Schedule is attached and has been updated to reflect the current project status. District staff is working with the Assessment Engineers to confirm the financing schedule.

### Budget Status

As shown on the attached Design Budget and Invoice Summary, our fee earned is slightly ahead of the work completed under Task 3.

Yours Sincerely,



Enclosures: Permits & Status; Design Budget & Invoice Summary; Project Budget Summary; Project Schedule

**Nipomo Community Services District**  
**Waterline Intertie Project**  
**Permit Status**

7/20/2010

updated:

Permitting Agency	Permit	Status	Issue Date	Expiration Date	Notes
CalTrans	Encroachment	Received	7/1/2010	12/30/2011	BP2 Hwy 101 Xing
CalTrans	Encroachment	Contractor to apply			"Dual Permit"
SLO County	Encroachment				
SLO County	Encroachment	Contractor to apply			BP2 - NCSD to submit for draft conditions
City of Santa Maria	Encroachment	Contractor to apply			BP3
CA Fish & Game	Streambed Alteration Agreement	Received draft permit			AECOM & NCSD staff drafting comments for
ACOE	404 & other permits	Received exemption	3/25/2010		F&G
DOSH (OSHA)	Tunnel Classification	Received	3/22/2010;		
DOSH (OSHA)	Excavations > 5 ft	Contractor to apply	3/30/2010	NA	2 jack & bore locations in BP3
DOSH (OSHA)	Certification of safety Reps for tunneling	Contractor to apply			
SLO APCD	Authority to Construct / Permit to Operate	NCSD to apply			apply at start of bid phase
SLO APCD	Naturally Occurring Asbestos	Received exemption	11/2/2009		
RWQCB	Notice of Intent to Discharge	NCSD to file			NPDES/ Stormwater General Permit
RWQCB	SWPPP	Contractor to complete			
DPHS	Water Supply Permit Amendment	NCSD to file (min 4 mo. Prior to WIP startup)			AECOM working with DPHS for preliminary comments on 90% design

7/20/2010

## Engineering Services for NCSD - SWP Design

## Nipomo CSD

	Total Budget	Amount Previously Invoiced	Current Invoice Amount	% of Budget Earned to date	% of Work Complete
Task Group 1 - Concept Design Report	\$441,553.65	\$438,253.39	\$3,300.26	100%	100%
Task Group 2 - Permitting	\$38,545.92	\$31,679.73	\$0.00	82%	82%
Task Group 3 - Construction Documents	\$442,933.43	\$444,666.11	\$0.00	100%	94%
Task Group 4 - Project Management	\$82,869.68	\$59,045.24	\$3,067.39	75%	75%
Task Group 5 - Assistance During Bids	\$48,942.36	\$0.00	\$0.00	0%	0%
Task Group 6 - Office Engineering During Construction (5 Bid Packages)	\$175,836.96	\$2,431.46	\$0.00	1%	1%
Total	\$1,230,682.00	\$976,075.93	\$6,367.65	80%	78%

	Amount Previously Invoiced	Current Invoice Amount	Total Permitting Fees to date
Permitting Fees	\$6,573.01	\$0.00	\$6,573.01

Item	Description	Budgeted Amount May 2008 PER	Updated Amount 17-Mar-09	Updated Amount 22-Apr-09 Concept Design Report	Updated Amount Dec-09 60% Design Plans
1	Mobilization	\$580,000	\$580,000	\$607,000	\$706,800
2	Blosser Extension (18-in)	\$1,247,000	\$1,247,000	\$1,129,000	\$1,148,800
3	Pump Station No. 1 turnout & meter (Blosser Rd)	\$61,000	\$61,000	\$158,000	\$166,400
4	River Crossing (24-in HDD & levee jack & bore)	\$6,135,000	\$6,135,000	\$5,462,500	\$5,414,200
5	24-in Pipeline to Joshua	\$656,000	\$656,000	\$400,000	\$399,500
6	Reservoir (0.5-MG)	\$1,361,000	\$1,361,000	\$1,365,000	\$1,364,700
7	Pump Station No. 2	\$603,000	\$603,000	\$1,572,500	\$1,512,300
8	Pressure Regulators (200 homes)	\$30,000	--	--	--
9	Pressure Reducing Valve Stations	\$18,000	\$72,000	\$243,000	\$290,100
10	Chloramination (Joshua & 5 wellheads)	\$707,000	\$707,000	\$739,500	\$739,200
11	Upgrade Southland to 12-in	\$799,500 (1)	\$780,000 (7)	\$849,000	\$828,900
12	Upgrade Frontage to 12-in	\$1,101,300 (1)	\$880,000 (7)	\$957,000	\$958,600
13	Upgrade Orchard to 12-in	\$509,000	\$1,040,000 (8)	\$1,103,500	\$1,200,800
14	Upgrade Division to 10-in between Allegre and Meridian (6)	\$53,000	--	--	--
15	Oakglen Avenue 12-in main (5)	--	\$420,000	\$457,000	\$472,600
16	Darby Lane 12-in main (5)	--	\$100,000	\$153,000	\$114,100
17	HWY 101 Bore & Jack (5)	--	\$132,000	\$241,000	\$228,700
18	Isolation Valves (5)	--	\$12,000	\$12,000	\$12,000
19	Pump Station All Weather Access Road	--	--	\$128,000	\$127,500
20	Pipe Cleaning Launch Station Stub Out (Blosser Rd)	--	--	--	\$20,400 (13)
	<b>Construction Subtotal</b>	<b>\$13,860,800</b>	<b>\$14,786,000</b>	<b>\$15,577,000</b>	<b>\$15,705,600</b>
21	Contingency	\$3,643,000	\$3,696,500 (9)	\$3,115,400 (11)	\$3,141,120
	<b>Construction Subtotal + Contingency</b>	<b>\$17,503,800</b>	<b>\$18,482,500</b>	<b>\$18,692,400</b>	<b>\$18,846,720</b>
22	Property Allowance	not included (4)	not included (4)	\$500,000 (4)	\$278,964 (4) (14)
23	Design-Phase Engineering				
	Original Agreement (July 2008)		\$744,993	\$744,993	\$744,993
	Budget Revision 1 - Pressure Reduction		\$132,798	\$132,798	\$132,798
	Budget Revision 2 - Biological Survey for HDD		\$4,050	\$4,050	\$4,050
	Budget Revision 3 - Modeling for GSW/Woodlands Turnouts		\$8,380	\$8,380	\$8,380
	Budget Revision 4 - Additional Survey Services		\$9,900	\$9,900	\$9,900
	Budget Revision 5 - Utility Investigation (Potholing)		--	--	\$8,883
	Budget Revision 6 - Additional Property Research		--	--	\$805
	Budget Revision 7 - PG&E Savings by Design support		--	--	\$4,164
	Budget Revision 8 - 60% Design Budget Update		--	--	\$140,872
24	Office Engineering during construction		\$175,837	\$175,837	\$175,837
25	Estimated Construction Management (3)	\$2,428,000 (2)	\$1,507,170 (10)	\$1,507,170 (10)	\$1,507,170 (10)
26	Permitting Fees To Date	--	\$1,573	\$1,573	\$6,173
27	Non-Final Design Funds Spent To Date	not included	not included	\$1,402,879 (12)	\$1,705,009 (12)(16)
28	Estimated Other Costs (Assessment, etc)	not included	not included	\$415,420 (12)	\$300,000 (12)(16)
29	Public Outreach	not included	not included	not included	\$76,000 (15)(17)
	<b>WATERLINE PROJECT TOTAL (Rounded to 1000)</b>	<b>\$19,932,000 (4)</b>	<b>\$21,068,000</b>	<b>\$23,596,000</b>	<b>\$23,951,000</b>
A	Frontage Road Sewer Replacement	--	--	\$1,239,500 (A)	\$1,726,932 (A)(B)(C)
B	Sewer Contingency			\$247,900 (A)	\$259,040 (A)(D)
	<b>FRONTAGE RD SEWER TOTAL (Rounded to 1000)</b>			<b>\$1,488,000 (A)</b>	<b>\$1,986,000 (A)(C)</b>

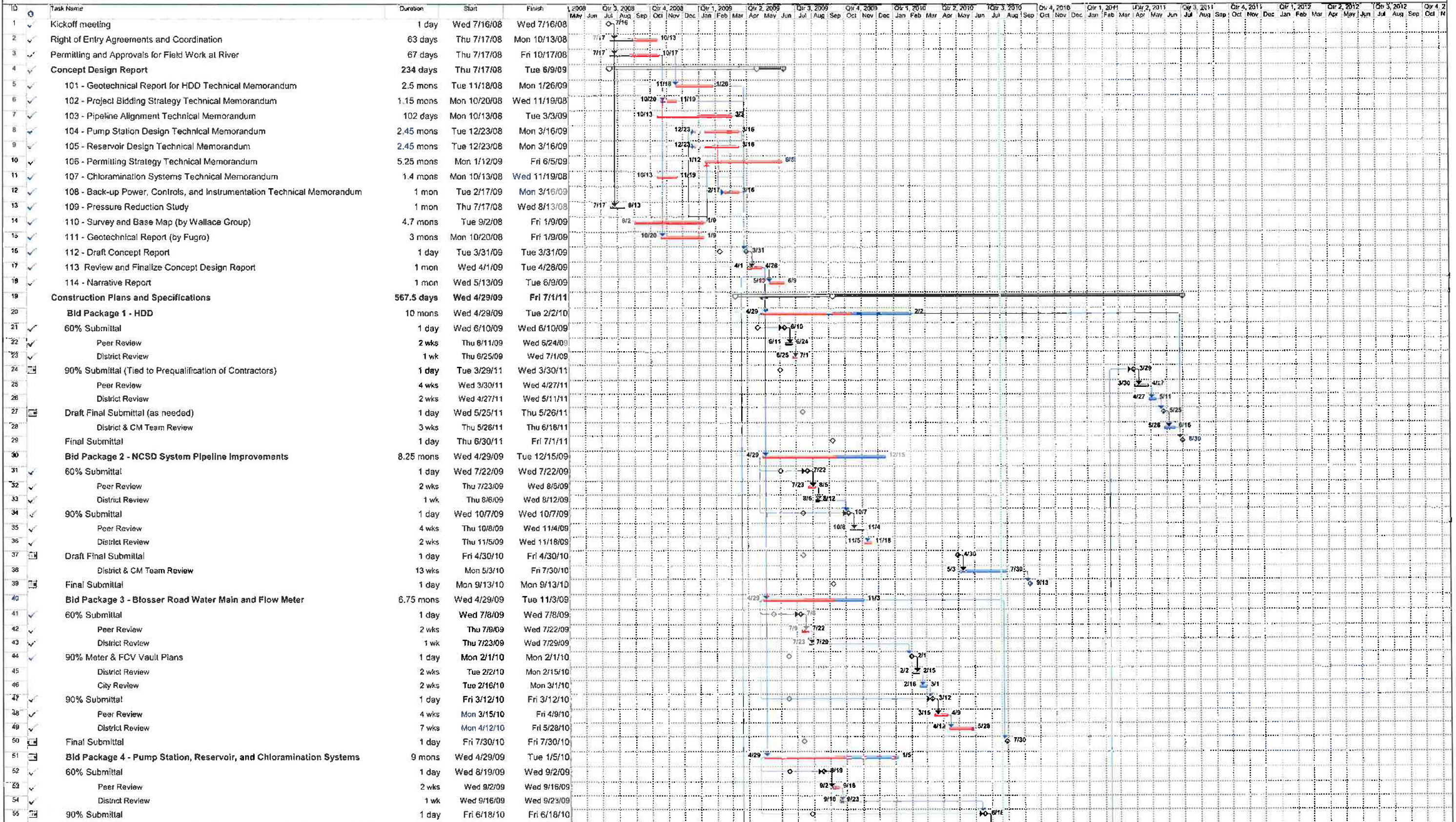
Notes:

- ENR CCI: March 2008 = 8109
- (1) Costs are from the December 2007 Water and Sewer Master Plan (Cannon).
  - (2) Engineering and Construction Management were originally presented as a "lump sum" amount
  - (3) Includes material testing, construction staking, and environmental monitoring
  - (4) Estimate only. Property allowance not included prior to April 2009 estimate.
  - (5) These work items were added to relieve high pressures on Mesa as an alternative to service pressure regulating valves (See Tech Memo 9). One PRV station at Maria Vista was required initially. Four are recommended for revised project. This was design Budget Revision #1.
  - (6) Based on review of record drawings, this pipeline is already a 10-in main
  - (7) Initial estimate incorporated Master Plan project costs. Revised estimate includes higher unit costs to reflect paving 1 traffic lane, per County standards
  - (8) Updated unit costs include higher costs to reflect paving 1 traffic lane, per County standards
  - (9) Contingency was modified to 25% which is more appropriate for concept design phase.
  - (10) To be provided by CM team - Has not been revised to reflect additional work for construction management of Oakglen, Darby, and Orchard extensions.
  - (11) Contingency was modified to 20% which is more appropriate for 30% design phase.
  - (12) Estimate provided by District staff.
  - (13) Item added during 60% design for potential future pipe cleaning launch station. Cost for potential future receiving station was added to item #7 (pump station).
  - (14) Reduced at 12/9/2009 Board Meeting.
  - (15) Added to January 2010 cost opinion per District
  - (16) Estimate updated by District staff 4/21/10.
  - (17) Updated based on Board action on 3/24/10.
- not included = Item was not included in previous construction cost opinions, but was added to provide a complete assessment of anticipated project costs.
- (A) Frontage Road Sewer to be Part of Bid Package #2, but to be paid for out of funds separate from the Supplemental Water Project
  - (B) Includes 1100 LF of 24-in sewer and manholes from Southland Street to WWTP Lift Station, which was not previously included in project scope.
  - (C) Construction cost opinion has been updated based on Draft Final Plans and Specifications for Waterline Interlie Project Bid Package #2 (April 2010)
  - (D) Contingency has been adjusted to 15%.



Print Date: Tue 7/20/10

NCSO WATERLINE INTERTIE PROJECT - Tue 7/20/10



Project: WIP Design Schedule  
Date: Tue 7/20/10

Task  
Progress  
Baseline

Milestone  
Baseline Milestone  
Summary

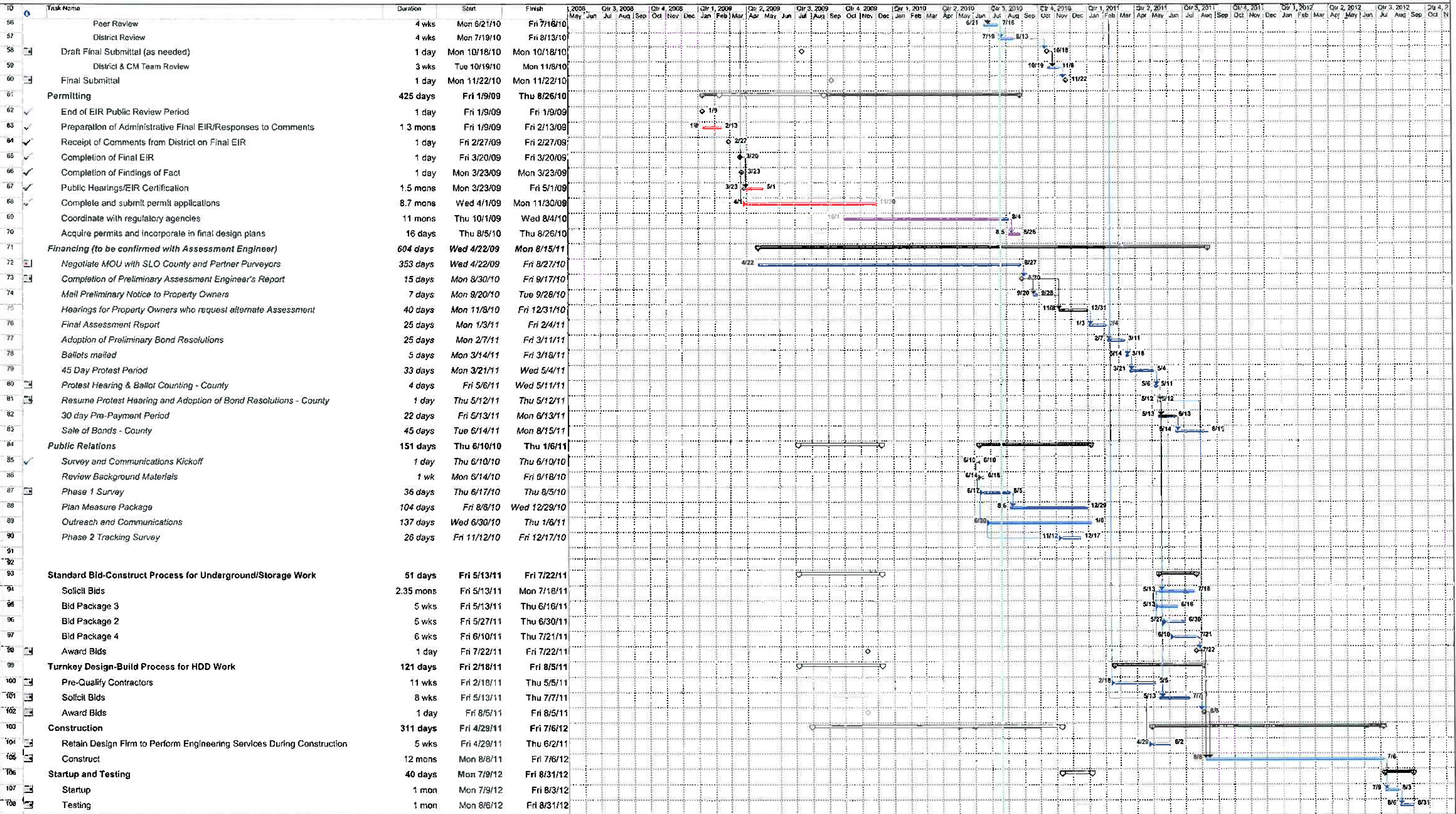
Rolled Up Task  
Rolled Up Milestone  
Baseline Summary

Rolled Up Baseline  
Rolled Up Baseline Milestone  
Rolled Up Progress

Split  
Baseline Split  
External Tasks

Project Summary  
Group By Summary  
Deadline







TO: COMMITTEE MEMBERS

FROM: DON SPAGNOLO  
GENERAL MANAGER



DATE: JULY 22, 2010

## AGENDA ITEM

### 3

JULY 26, 2010

### SET NEXT COMMITTEE MEETING

#### ITEM

Set next committee meeting [Set Date/Time].

#### BACKGROUND

The Committee usually meets on the Monday preceding the second Board meeting of the month.

#### RECOMMENDATION

Staff recommends that the Committee tentatively set a meeting at 1 pm on Monday, August 16, 2010. If staff does not have policy issues to bring to the committee at that time, the meeting can be deferred to the following month with Committee member concurrence.

#### ATTACHMENT

NONE